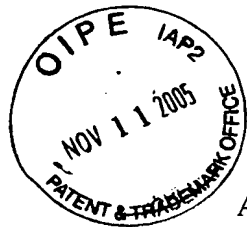


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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Srivastava

Confirmation No: 8717

Serial No.: 10/640,604

Group Art Unit: 1645

Filed: August 12, 2003

Examiner: Albert Mark Navarro

For: COMPOSITIONS AND METHODS FOR THE
PREVENTION AND TREATMENT OF
PRIMARY AND METASTATIC NEOPLASTIC
DISEASES AND INFECTIOUS DISEASES WITH
HEAT SHOCK/STRESS PROTEINS

Attorney Docket No.: 8449-317-999

INFORMATION DISCLOSURE STATEMENT

COMMISSIONER FOR PATENTS

P.O. BOX 1450

Alexandria, Virginia 22313-1450

Sir:

In accordance with the duty of disclosure imposed by 37 C.F.R. §§ 1.56 and § 1.97 to inform the Patent and Trademark Office of all references coming to the attention of each individual associated with the filing or prosecution of the subject application, which are or may be material to the patentability of any claim of the application, Attorneys for Applicant hereby direct the Examiner's attention to the references A01-A32, B01-B26 and C01-C134 listed on the attached form entitled "List of References Cited by Applicant."

The above-identified application is a continuation of U.S. patent application Serial No. 09/090,754 (" '754 application"), which was filed June 4, 1998 and involved in Interference No.: 104,761, which was declared October 12, 2001 and is now terminated. The '754 application is a divisional application of U.S. patent application Serial No. 08/527,391, which was filed on September 13, 1995, and which issued November 17, 1998 as US Patent No. 5,837,251.

A copy of the references A01-A31, being U.S. patents, is not submitted herewith pursuant to 37 C.F.R. §1.98(a)(2)(ii).

References A32, B01-B26, and C01-C05, C08-C09, C12, C16-C19, C22, C24-C30, C33-C35, C39-C40, C45-C46, C49-C51, C53-C54, C56, C58-C59, C61,

C65-C76, C78-C80, C79, C82, C84, C86, C89, C91-93, C91-C93, C95-C97, C99-C110, C113-C116, C118-123, C125-C127, C129 and C132-C133 were made of record in the prosecution history of the '754 application or the prosecution history of U.S. application Serial No. 08/527,391. Therefore, pursuant to 37 C.F.R. §1.98(d), a copy of these references is not submitted herewith.


References C06, C7, C10-C11, C13-C15, C20-C21, C23, C31-C32, C36-C38, C41-C44, C47-C48, C52, C55, C57, C60, C62-C64, C77, C81, C83, C85, C87-C88, C90, C94, C98, C111-C112, C117, C124, C128, C130-C131 and C134 were cited during Interference No. 104,761. A legible copy of the references C06, C7, C10-C11, C13-C15, C20-C21, C23, C31-C32, C36-C38, C41-C44, C47-C48, C52, C55, C57, C60, C62-C64, C77, C81, C83, C85, C87-C88, C90, C94, C98, C111-C112, C117, C124, C128, C130-C131 and C134 is submitted herewith.

It is respectfully requested that these references be made of record in the application.

This Information Disclosure Statement is being submitted before the mailing date of a first Office Action on the merits. Therefore, pursuant to 37 C.F.R. § 1.97(b)(3), no fee is believed due. However, should the Patent and Trademark Office determine otherwise, please charge any required fee to Jones Day Deposit Account No. 503013.

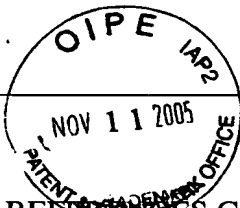
Date: November 11, 2005

Respectfully submitted,


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Enclosure



LIST OF REFERENCES CITED BY APPLICANT
(Use several sheets if necessary)

ATTY. DOCKET NO.
8449-317-999

APPLICATION NO.
10/640,604

APPLICANT
Srivastava

FILING DATE
8/12/2003

GROUP
1645

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A01	4,690,915	9/1/87	Rosenberg			
	A02	5,188,964	2/23/93	McGuire et al.			
	A03	5,232,833	8/03/93	Sanders et al.			
	A04	5,348,945	09/20/94	Berberian et al.			
	A05	5,747,332	5/5/98	Wallen et al.			
	A06	5,750,119	5/12/98	Srivastava			
	A07	5,830,464	11/3/98	Srivastava			
	A08	5,837,251	11/17/98	Srivastava			
	A09	5,935,576	8/10/99	Srivastava			
	A10	5,948,646	9/7/99	Srivastava			
	A11	5,961,979	10/5/99	Srivastava et al.			
	A12	5,981,706	11/9/99	Wallen et al.			
	A13	5,985,270	11/16/99	Srivastava			
	A14	5,997,873	12/7/99	Srivastava et al.			
	A15	6,007,821	12/28/99	Srivastava et al.			
	A16	6,017,540	1/25/00	Srivastava et al.			
	A17	6,017,544	1/25/00	Srivastava			
	A18	6,030,618	2/29/00	Srivastava			
	A19	6,048,530	4/11/00	Srivastava			
	A20	6,066,716	5/23/00	Wallen			
	A21	6,130,087	10/10/00	Srivastava et al.			
	A22	6,136,315	10/24/00	Srivastava			
	A23	6,139,841	10/31/00	Srivastava			
	A24	6,143,299	11/7/00	Srivastava			
	A25	6,156,302	12/5/00	Srivastava			
	A26	6,162,436	12/19/00	Srivastava			
	A27	6,168,793	1/2/01	Srivastava et al.			
	A28	6,322,790	11/27/01	Srivastava			
	A29	6,433,141	8/13/02	Wallen et al.			
	A30	6,451,316	9/17/02	Srivastava			
	A31	6,475,490	11/5/02	Srivastava et al.			
	A32	6,713,608	3/30/04	Wallen et al.			
	A33	6,797,480	9/28/04	Srivastava			
	A34	09/090,754		Srivastava			6/4/98

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	B01	WO 89/12455	12/28/89	PCT				
	B02	WO 90/02564	3/22/90	PCT				
	B03	WO 91/15572	10/17/91	PCT				
	B04	WO 92/01717	2/6/92	PCT				
	B05	WO 92/08484	5/29/92	PCT				
	B06	WO 92/08488	5/29/92	PCT				
	B07	WO 93/14118	7/22/93	PCT				
	B08	WO 93/17712	9/16/93	PCT				
	B09	WO 93/18146	9/16/93	PCT				
	B10	WO 93/18147	9/16/93	PCT				
	B11	WO 93/18150	9/16/93	PCT				
	B12	WO 93/21529	10/28/93	PCT				
	B13	WO 93/24136	12/9/93	PCT				
	B14	WO 94/03208	2/17/94	PCT				
	B15	WO 94/04676	3/3/94	PCT				
	B16	WO 94/11513	5/26/94	PCT				
	B17	WO 94/29459	12/22/94	PCT				
	B18	WO 97/06685	2/27/97	PCT				
	B19	WO 97/06821	2/27/97	PCT				
	B20	WO 97/06828	2/27/97	PCT				
	B21	WO 97/10001	3/20/97	PCT				
	B22	WO 97/26910	7/31/97	PCT				
	B23	WO 98/12208	3/26/98	PCT				
	B24	WO 99/29182	6/17/99	PCT				
	B25	GB 2251186	7/1/92	United Kingdom				
	B26	DE 19602985	7/31/97	Germany				

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

	C01	Written Opinion dated July 1, 1997 in related PCT application No. PCT/US96/14557
	C02	Aldovini et al. (1992) "The New Vaccines", <i>Technology Review</i> pp. 24-31.
	C03	Arnold et al., (1995) "Cross-priming of minor histocompatibility antigen-specific cytotoxic T cells upon immunization with the heat shock protein gp96. <i>J Exp Med.</i> 1995 Sep 1;182(3):885-889.
	C04	Barrios et al. (1992) "Mycobacterial heat-shock proteins as carrier molecules. II: The use of the 70-kDa mycobacterial heat-shock protein as carrier for conjugated vaccines that can circumvent the need for adjuvants and Bacillus Calmette Guérin priming", <i>Eur. J. Immunol.</i> 22:1365-1372.
	C05	Basombrío (1970) "Search for common antigenicities among twenty-five sarcomas induced by methylcholanthrene", <i>The Institute for Cancer Research</i> 30:2458-2462.
	C06	<i>Biochemistry</i> , Lehninger Worth Publishers, Inc. (New York, NY) (1975, 2 nd Edition); Chapter 7
	C07	<i>Biology</i> , CBS College Publishing (New York, NY) (1982, 2 nd Edition); pages 27, and 33-35.

C08	Blachere and Srivastava (1993) "Immunization with GP96 heat shock proteins isolated from tumors or influenza virus infected cells elicits MHC-restricted, antigen-specific cytotoxic T lymphocytes against the corresponding cells", <i>J. Cellular Biochem. Keystone Symposia</i> NZ502, p. 124.
C09	Blachere et al. (1993) "Heat Shock Protein Vaccines Against Cancer," <i>Journal of Immunotherapy</i> 14:352-356.
C10	Blond-Elguidini et al. (1993) " Peptide-dependent stimulation of the ATPase activity of the molecular chaperone BiP is the result of conversion of oligomers to active monomers", <i>J. Biol. Chem.</i> <u>268</u> :12730-12735
C11	Bochner et al. (1986), " Escherichia coli DnaK protein possesses a 5'-nucleotidase activity that is inhibited by AppppA", <i>J. Bacteriol.</i> <u>168</u> :931-935
C12	Boon "Toward a genetic analysis of tumor rejection antigens", <i>Advances in Cancer Research</i> 58:177-210.
C13	Brodsky et al., (1993) " Reconstitution of protein translocation from solubilized yeast membranes reveals topologically distinct roles for BiP and cytosolic Hsc70", <i>J. Cell. Biol.</i> <u>120</u> :95-102
C14	Bukau, ed. (1999) "Molecular Biology of Chaperones and Folding Catalysts", Harwood Academic Publishers, Amsterdam
C15	Cheetham and Caplan (1998) " Structure, function and evolution of DnaJ: conservation and adaptation of chaperone function", <i>Cell Stress Chaperones</i> <u>3</u> :28-36
C16	Clarke et al., " Purification of complexes of nuclear oncogene p53 with rat and Escherichia coli heat shock proteins: in vitro dissociation of hsc70 and dnaK from murine p53 by ATP. <i>Mol Cell Biol.</i> 1988 Mar; 8(3):1206-15
C17	Cohen (1993) "Cancer Vaccines Get A Shot In The Arm", <i>Science</i> 262:841-843.
C18	Cole and Ostrand-Rosenburg (1991) "Rejection of allogeneic tumor is not determined by host responses to MHC class I molecules and is mediated by CD4-CD8+ T lymphocytes that are not lytic for the tumor", <i>Cell Immunol.</i> <u>134</u> :480-490
C19	Craig (1993) "Chaperones: Helpers Along the Pathways to Protein Folding", <i>Science</i> 260:1902-1904.
C20	Craig et al., (1985) " Mutations in cognate genes of Saccharomyces cerevisiae hsp70 result in reduced growth rates at low temperatures", <i>Mol. Cell. Biol.</i> <u>5</u> :3517-3524
C21	Csermely and Cahn (1991) " The 90-kDa heat shock protein (hsp-90) possesses an ATP binding site and autophosphorylating activity", <i>J. Biol. Chem.</i> <u>266</u> :4943-4950
C22	Curtis (1971) "Antigen dose in the human immune response. Dose-relationships in the human immune response to Keyhole limpet hemocyanin," <i>J Lab Clin Med</i> 78(1): 61-69
C23	Easton et al. (2000) " The hsp110 and Grp 170 stress proteins: newly recognized relatives of the Hsp70s" <i>Cell Stress Chaperones</i> <u>5</u> :276-290
C24	Elliott et al. (1990) "Naturally Processed Peptides", <i>Nature</i> 348:195-197.
C25	Engman et al. Human humoral immunity to hsp70 during Trypanosoma cruzi infection. <i>J Immunol.</i> 1990 May 15;144(10):3987-91.
C26	Estes et al., "Characterization of an unusual cell type (CD4+ CD3-) expanded by helminth infection and related to the parasite stress response. <i>J Immunol.</i> 1993 Mar 1;150(5):1846-56
C27	Ezzel (1995), "Cancer 'vaccines': an idea whose time has come", <i>J. NIH. Re</i> (1995), "Cancer 'vaccines': an idea whose time has come", <i>J. NIH. Res.</i> <u>7</u> :46-49
C28	Falk et al. (1990) "Cellular Peptide Composition Governed by Major Histocompatibility Complex Class I Molecules", <i>Nature</i> 348:248-251.
C29	Falk et al. (1991) "Allele-specific Motifs Revealed by Sequencing of Self-peptides Eluted from MHC Molecules", <i>Nature</i> 351:290-296.
C30	Fedweg and Srivastava "Evidence for biochemical heterogeneity of gp96 heat shock protein/tumor rejection antigen", <i>Mount Sinai School of Medicine</i> NZ 206, p. 108.

C31	Fink and Goto, eds. (1998) "Molecular Chaperones in the Life Cycle of Proteins", Marcel Dekker, New York, NY
C32	Flaherty et al., (1990), " Three-dimensional structure of the ATPase fragment of a 70K heat-shock cognate protein", <i>Nature</i> <u>346</u> (6285):623-628
C33	Flynn et al. (1989) "Peptide binding and release by proteins implicated as catalysts of protein assembly", <i>Science</i> <u>245</u> :385-390.
C34	Flynn et al. (1991) "Peptide-binding Specificity of the Molecular Chaperone BiP", <i>Nature</i> <u>353</u> :726-730.
C35	Franklin (1993) "Making vaccines fit the cancer", <i>New Scientist</i> <u>140</u> :17.
C36	Freeman and Morimoto (1996) "The human cytosolic molecular chaperones hsp90, hsp70 (hsc70) and hdj-1 have distinct roles in recognition of a non-native protein and protein refolding", <i>EMBO J.</i> <u>15</u> :2969-2979
C37	Gao et al. (1993), Nucleotide binding properties of bovine brain uncoating ATPase. <i>J Biol Chem.</i> <u>268</u> (12):8507-8513
C38	Georgopoulos and Welch (1993) " Role of the major heat shock proteins as molecular chaperones", <i>Annu. Rev. Cell Biol.</i> <u>9</u> :601-634
C39	Gething et al. (1992) "Protein Folding in the Cell", <i>Nature</i> <u>355</u> :33-45.
C40	Globerson and Feldman (1964) "Antigenic specificity of benzo[a]pyrene-induced sarcomas", <i>Journal of the National Cancer Institute</i> <u>32</u> (6):1229-1242.
C41	Greene et al. (1995) "Effect of Nucleotide on the Binding of Peptides to 70-kDa Heat Shock Proteins," <i>J. Biol. Chem</i> <u>270</u> : 2967-2973.
C42	Grenert et al. (1999) " The importance of ATP binding and hydrolysis by hsp90 in formation and function of protein heterocomplexes", <i>J. Biol. Chem.</i> <u>274</u> :17525-17533
C43	Gupta (1998) "Protein phylogenies and signature sequences: a reappraisal of evolutionary relationships among archaeobacteria, eubacteria and eukaryotes", <i>Microbiology and Microbiology Reviews</i> <u>62</u> :1435-1491
C44	Henics et al., (1999) Mammalian Hsp70 and Hsp110 proteins bind to RNA motifs involved in mRNA stability. <i>J Biol Chem.</i> <u>274</u> (24):17318-17324
C45	Huchet (1986) "Features of KLH-induced suppression in vivo: characterization of two pathways of suppression," <i>Cell Immunol</i> <u>98</u> (1): 188-199
C46	Jakob et al. (1993) "Small Heat Shock Proteins Are Molecular Chaperones", <i>J. Biol. Chem.</i> <u>268</u> :1517-1520.
C47	Jakob et al. (1996) " Assessment of the ATP binding properties of Hsp90", <i>J. Biol. Chem.</i> <u>271</u> :10035-10041
C48	James et al. (1997) " Functional specificity among Hsp70 molecular chaperones", <i>Science</i> <u>275</u> :387-389
C49	Jardetzky et al. (1991) "Identification of Self Peptides Bound to Purified HLA-B27", <i>Nature</i> <u>353</u> :326-329.
C50	Jindal and Young, <i>Vaccinia virus infection induces a stress response that leads to association of Hsp70 with viral proteins.</i> <i>J Virol.</i> 1992 Sep; <u>66</u> (9):5357-62
C51	Johnson et al., "The 86-kilodalton antigen from <i>Schistosoma mansoni</i> is a heat-shock protein homologous to yeast HSP-90. <i>Mol Biochem Parasitol.</i> 1989 Aug; <u>36</u> (1):19-28
C52	Kassenbrock and Kelly, (1989) "Interaction of heavy chain binding protein (BiP/GRP78) with adenine nucleotides", <i>EMBO J.</i> <u>8</u> :1461-1467
C53	Korver (1984) "Measurement of primary in vivo IgM- and IgG-antibody response to KLH in humans: implications of pre-immune IgM binding in antigen-specific ELISA," <i>J Immunol Methods</i> <u>74</u> (2): 241-251
C54	Lakey et al (1987) "Identification of a peptide binding protein that plays a role in antigen presentation", <i>Proc. Natl. Acad. Sci. USA</i> <u>84</u> :1659-1663.

C55	Landry et al. (1982) "Synthesis and Degradation of Heat Shock Proteins During Development and Decay of Thermotolerance," <i>Cancer Research</i> 42: 2457-2461.
C56	Lanzavecchia (1993) "Identifying Strategies for Immune Intervention", <i>Science</i> 260:937-944.
C57	Lee-Yoon et al. (1995) " Identification of a major subfamily of large hsp70-like proteins through the cloning of the mammalian 110-kDa heat shock protein", <i>J. Biol. Chem.</i> 270:15725-15733
C58	Levinson et al. (1979) "Metal Binding Drugs Induce Synthesis of Four Proteins in Normal Cells", <i>Biol Trace Element Research</i> 1:15-23.
C59	Lévy (1991) "ATP is Required for In Vitro Assembly of MHC Class I Antigens but Not for Transfer of Peptides across the ER Membrane", <i>Cell</i> 67:265-274.
C60	Lewis and Pelham, (1985), " Involvement of ATP in the nuclear and nucleolar functions of the 70 kd heat shock protein", <i>EMBO J.</i> 4:3137-3143
C61	Li and Srivastava (1993) "Tumor rejection antigen gp96/grp94 is an ATPase: Implications for protein folding and antigen presentation", <i>EMBO J.</i> 12(8):3143-3151.
C62	Liberek et al., (1991), "Escherichia coli DnaJ and GrpE heat shock proteins jointly stimulate ATPase activity of DnaK", <i>Proc. Natl. Acad. Sci. U S A.</i> 88:2874-2878
C63	Liberek et al., (1991), "The Escherichia coli DnaK chaperone, the 70-kDa heat shock protein eukaryotic equivalent, changes conformation upon ATP hydrolysis, thus triggering its dissociation from a bound target protein", <i>J. Biol. Chem.</i> 266:14491-14496
C64	Lillehoj, (1989), Protein Purification. <i>Adv Biochem Eng Biotechnol.</i> 40:19-71
C65	Lindquist and Craig (1988) "The heat-shock proteins", <i>Ann. Rev. Genet.</i> 22:631-677.
C66	Luescher et al. (1991) "Specific Binding of Antigenic Peptides to Cell-associated MHC Class I Molecules", <i>Nature</i> 351:72-77.
C67	Luft et al. Immunologic and structural characterization of the dominant 66- to 73-kDa antigens of <i>Borrelia burgdorferi</i> . <i>J Immunol.</i> 1991 Apr 15;146(8):2776-82
C68	Lukacs et al. (1993) "Tumor cells transfected with a bacterial heat-shock gene lose tumorigenicity and induce protection against tumors", <i>J. Exp. Med.</i> 178:343-348.
C69	Lussow et al. (1991) "Mycobacterial heat-shock proteins as carrier molecules", <i>Eur. J. Immunol.</i> 21:2297-2302.
C70	Madden et al. (1991) "The Structure of HLA-B27 Reveals Nonamer Self-peptides Bound in an Extended Conformation", <i>Nature</i> 353:321-325.
C71	Maki et al. (1990) "Human homologue of murine tumor rejection antigen gp96: 5'-Regulatory and coding regions and relationship to stress-induced proteins", <i>Proc. Natl. Acad. Sci. USA</i> 87:5658-5663.
C72	Maki et al. (1993) "Mapping of the Genes for Human Endoplasmic Reticular Heat Shock Protein gp96/grp94", <i>Somatic Cell Mol. Genetics</i> 19(1):73-81.
C73	Martin et al., (1986) "Role of Murine Tumor Models in Cancer Treatment Research", <i>Cancer Research</i> 46:2189-2192.
C74	McCall et al. (1989) "Biotherapy: A New Dimension in Cancer Treatment", <i>Biotechnology</i> 7:231-240.
C75	Melief et al. (1992) "Lessons from T Cell Responses to Virus Induced Tumours for Cancer Eradication in General", <i>Cancer Surveys</i> 13:81-99.
C76	Melnick (1985) "Virus Vaccines: An Overview", <i>Proceedings of the First Annual Southwest Foundation for Biomedical Research International Symposium</i> , Houston, Texas, 8-10 November 1984, <i>American Society for Microbiology</i> pp. 1-13.
C77	Morimoto, R., Tissieres, A. and Georgopoulos, eds. (1990) "Stress Proteins in Biology and Medicine", Cold Spring Harbor Press, Cold Spring Harbor, NY

C78	Mulé et al., (1984) "Adoptive Immunotherapy of Established Pulmonary Metastases with LAK Cells and Recombinant Interleukin-2", <i>Science</i> 225:1487-1489
C79	Nelson et al. (1992) "The Translation Machinery and 70 kd Heat Shock Protein Cooperate in Protein Synthesis", <i>Cell</i> 71:97-105.
C80	Nieland et al., (1996) "Isolation of an immunodominant viral peptide that is endogenously bound to the stress protein GP96/GRP94", <i>Proc. Natl. Acad. Sci. USA</i> 93:6135-6139.
C81	Oh et al., (1999) The chaperoning activity of hsp110. Identification of functional domains by use of targeted deletions. <i>J Biol Chem.</i> 274(22):15712-15718
C82	Palladino et al. (1987) "Expression of shared tumor-specific antigen by two chemically induced BALB/c sarcomas", <i>Cancer Research</i> 47:5074-5079.
C83	Palleros et al., (1994), "hsp70-protein complexes. Complex stability and conformation of bound substrate protein", <i>J. Biol. Chem.</i> 269:13107-13114
C84	Paul (1974) "Immune response to keyhole-limpet hemocyanin in the human," <i>Int Arch Allergy Appl Immunol</i> 47(1): 155-160
C85	Pearl and Prodromou (2001) "Structure, function, and mechanism of the Hsp90 molecular chaperone", <i>Adv. Protein Chem.</i> 59:157-186
C86	Prehn and Main (1957) "Immunity to methylcholanthrene-induced sarcomas", <i>Journal of the National Cancer Institute</i> 18(6):769-778.
C87	Prodromou et al. (1997) " Identification and structural characterization of the ATP/ADP-binding site in the Hsp90 molecular chaperone", <i>Cell</i> 90:65-75
C88	<i>Protein Purification Principles and Practice</i> Springer-Verlag (New York, NY) (1992, 3 rd Edition) Chapter 7, pages 187, and 236-237.
C89	Puyana (1990) "Induction of an immune response to keyhole-limpet hemocyanin in surgical patients with anergy," <i>Surgery</i> 107(4): 442-448
C90	Richarme and Kohiyama (1993) "Specificity of the Escherichia coli chaperone DnaK (70-kDa heat shock protein) for hydrophobic amino acids" <i>J. Biol. Chem.</i> 268:24074-24077
C91	Rothman (1989) "Polypeptide Chain Binding Proteins: Catalysts of Protein Folding and Related Processes in Cells", <i>Cell</i> 59:591-601.
C92	Rötzschke et al. (1990) "Isolation and Analysis of Naturally Processed Viral Peptides as Recognized by Cytotoxic T cells", <i>Nature</i> 348:248-251.
C93	Sadis and Hightower, 1992, "Unfolded proteins stimulate molecular chaperone Hsc70 ATPase by accelerating ADP/ATP exchange", <i>Biochemistry</i> 31:9406-9412
C94	Sadis et al. (1990) "Biochemical and biophysical comparison of bacterial DnaK and mammalian hsc73, two members of an ancient stress protein family", <i>Curr. Res. in Prot. Chem.</i> Chapter 31, pp.339-347
C95	Salk et al. (1993) "A Strategy for Prophylactic Vaccination Against HIV", <i>Science</i> 260:1270-1272.
C96	Schumacher et al. (1991) "Peptide Selection by MHC Class I Molecules", <i>Nature</i> 350:703-706.
C97	Sherman and Goldberg, (1991) "Formation in vitro of complexes between an abnormal fusion protein and the heat shock proteins from Escherichia coli and yeast mitochondria. <i>J Bacteriol.</i> 173:7249-7256.
C98	Skowyra et al. (1990) " The E. coli dnaK gene product, the hsp70 homolog, can reactivate heat-inactivated RNA polymerase in an ATP hydrolysis-dependent manner", <i>Cell</i> 62:939-944
C99	Srivastava and Heike (1986) "Tumor-specific immunogenicity of stress-induced proteins: Convergence of two evolutionary pathways of antigen presentation?", <i>Seminars in Immunology</i> 3:57-64.
C100	Srivastava and Maki (1991) "Stress-induced proteins in immune response cancer", <i>Curr. Topic Microbiol. Immunol.</i> 167:109-123.

	C101	Srivastava et al. (1984) "The Serologically Unique Cell Surface Antigen of Zajdela Ascitic Hepatoma is also its Tumor-Associated Transplantation Antigen", <i>Int. J. Cancer</i> 33:417-422.
	C102	Srivastava et al. (1986) "Tumor rejection antigens of chemically induced sarcomas of inbred mice", <i>Proc. Natl. Acad. Sci. USA</i> 83:3407-3411.
	C103	Srivastava et al. (1987) "5'-Structural analysis of genes encoding polymorphic antigens of chemically induced tumors", <i>Proc. Natl. Acad. Sci. USA</i> 84:3807-3811.
	C104	Srivastava et al. (1988) "Chromosomal Assignment of the Gene Encoding the Mouse Tumor Rejection Antigen gp96", <i>Immunogenetics</i> 28:205-207.
	C105	Srivastava et al. (1988) "Individually Distinct Transplantation Antigens of Chemically Induced Mouse", <i>Immunology Today</i> 9:78-83.
	C106	Srivastava et al. (1989) "Identification of a Human Homologue of the Murine Tumor Rejection Antigen GP96," <i>Cancer Res.</i> 49:1341-1343.
	C107	Srivastava et al. (1991) "Protein Tumor Antigens", <i>Curr. Opin. Immunol.</i> 3:654-658.
	C108	Srivastava et al. (1993) "Evidence for peptide-chaperoning by the endoplasmic reticular heat shock protein GP96: Implications for vaccination against cancer and infectious diseases", <i>J Cell Biochem Suppl</i> 17D:94 (Abstract NZ014).
	C109	Srivastava et al. (1993) "Peptide-Binding Heat Shock Proteins in the Endoplasmic Reticulum: Role in Immune Response to Cancer and in Antigen Presentation", <i>Advances in Cancer Research</i> 62:153-177.
	C110	Srivastava et al., "Heat shock proteins transfer peptides during antigen processing and CTL priming. <i>Immunogenetics.</i> 1994;39(2):93-8.
	C111	Srivastava P. (2002), Roles of heat-shock proteins in innate and adaptive immunity. <i>Nat Rev Immunol.</i> 2(3):185-194
	C112	Subjeck et al. (1982) "Heat Shock Proteins and Thermotolerance; a Comparison of Induction Kinetics," <i>British Journal of Radiology</i> 55: 579-584
	C113	Subbarao et al. (1992) "A General Overview of Viral Vaccine Development," <i>Genetically Engineered Vaccines</i> 327:51-57.
	C114	Suto et al., (1995) "A Mechanism for the Specific Immunogenicity of Heat Shock Protein-Chaperoned Peptides", <i>Science</i> 269:1585-1588.
	C115	Szikora et al. (1990) "Structure of the gene of tum-transplantation antigen P35B presence of a point mutation in the antigenic allele", <i>EMBO J.</i> 9(4):1041-1050.
	C116	Thomas et al. (1982) "Molecular and Cellular Effects of Heat Shock and Related Treatments of Mammalian Tissue-Culture Cells", <i>Cold Springs Harbor Symp Quant Biol</i> 46:985-996.
	C117	Tomasovic et al. (1983) "Heat-Stress Proteins and Thermal Resistance in Rat Mammary Tumor Cells," <i>Radiation Res.</i> 95: 399-413.
	C118	Udono (1993) "Heat shock proteins HSP70, HSP90 and GP96 elicit tumor specific immunity to the tumors from which they are isolated", <i>J. Cell. Biochem. Suppl.</i> 17D:113 (Abstract NZ225).
	C119	Udono et al. "Cellular requirements for tumor-specific immunity elicited by heat shock proteins: tumor rejection antigen gp96 primes CD8+ T cells in vivo. <i>Proc Natl Acad Sci U S A.</i> 1994 Apr 12;91(8):3077-81
	C120	Udono et al. (1993) "Heat Shock Protein 70-associated Peptides Elicit Specific Cancer Immunity", <i>J. Exp. Med.</i> 178:1391-1396.
	C121	Udono et al., (1994) "Comparison of Tumor-Specific Immunogenicities of Stress-Induced Proteins gp96, hsp90, and hsp70", <i>J. Immunol.</i> 152:5398-5403
	C122	Ullrich et al. (1986) "A mouse tumor-specific transplantation antigen is a heat shock-related protein", <i>Proc. Natl. Acad. Sci. USA</i> 83:3121-3125.

	C123	Vanbuskirk et al. (1989) "peptide binding protein having a role in antigen presentation is a member of the hsp70 heat shock family", <i>J. Exp. Med.</i> 170:1799-1809.
	C124	Wang et al. (2001), Characterization of heat shock protein 110 and glucose-regulated protein 170 as cancer vaccines and the effect of fever-range hyperthermia on vaccine activity. <i>J Immunol.</i> 166(1):490-497
	C125	Welch (1993) "How Cells Respond to Stress", <i>Scientific American</i> pp. 56-64.
	C126	Welch et al. (1982), "Purification of the Major Mammalian Heat Shock Proteins", <i>J. Biol. Chem.</i> 257:14949-14959.
	C127	Welch et al. (1985) "Rapid Purification of Mammalian 70,000-Dalton Stress Proteins: Affinity of the Proteins for Nucleotides", <i>Mol. Cell. Biol.</i> 5:1229-1237.
	C128	Welch et al. (1983) "Biochemical Characterization of the Mammalian Stress Proteins and Identification of Two Stress Proteins as Glucose- and Ca ²⁺ -Ionophore-regulated proteins," <i>J. Biol. Chem.</i> 258: 7102-2111.
	C129	White et al., "Differential distribution of the adenovirus E1A proteins and colocalization of E1A with the 70-kilodalton cellular heat shock protein in infected cells. <i>J Virol.</i> 1988 Nov;62(11):4153-66
	C130	Xu et al. (1997) " The crystal structure of the asymmetric GroEL-GroES-(ADP) ₇ chaperonin complex", <i>Nature</i> 388:720-723
	C131	Yasuda et al. (1995) " Cloning and expression of murine high molecular mass heat shock proteins, HSP105", <i>J. Biol. Chem.</i> 270:29718-29723
	C132	Young (1990) "Stress Proteins and Immunology", <i>Annu. Rev. Immunol.</i> 8:401-420.
	C133	Yu et al. (1991) "Sequence Analysis of Peptides Bound to MHC Class II Molecules", <i>Nature</i> 353:622-627.
	C134	Zylicz et al., (1983) "The dnaK protein of Escherichia coli possesses an ATPase and autophosphorylating activity and is essential in an in vitro DNA replication system", <i>Proc. Natl. Acad. Sci. U S A.</i> 80:6431-6435

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